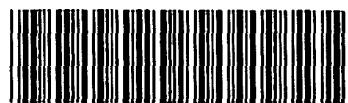


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TECH CENTER 1600/2900

1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/458,297A

DATE: 07/24/2002

TIME: 11:48:32

Input Set : A:\2060_0120000 Substitute Sequence Listing.txt
Output Set: N:\CRF3\07242002\I458297A.raw

3 <110> APPLICANT: Fikes, John
4 Sette, Alessandro
5 Sidney, John
6 Southwood, Scott
7 Chesnut, Robert
8 Celis, Esteban
9 Keogh, Elissa
11 <120> TITLE OF INVENTION: Inducing Cellular Immune Responses To
12 p53 Using Peptide And Nucleic Acid Compositions
14 <130> FILE REFERENCE: 2060.0120000.
16 <140> CURRENT APPLICATION NUMBER: US 09/458,297A
17 <141> CURRENT FILING DATE: 1999-12-10
19 <150> PRIOR APPLICATION NUMBER: US 08/027,146
20 <151> PRIOR FILING DATE: 1993-03-05
22 <150> PRIOR APPLICATION NUMBER: US 08/073,205
23 <151> PRIOR FILING DATE: 1993-06-04
25 <150> PRIOR APPLICATION NUMBER: US 08/159,184
26 <151> PRIOR FILING DATE: 1993-11-29
28 <150> PRIOR APPLICATION NUMBER: US 08/205,713
29 <151> PRIOR FILING DATE: 1994-03-04
31 <150> PRIOR APPLICATION NUMBER: US 09/189,702
32 <151> PRIOR FILING DATE: 1998-11-10
34 <160> NUMBER OF SEQ ID NOS: 1492
36 <170> SOFTWARE: FastSEQ for Windows Version 4.0
38 <210> SEQ ID NO: 1
39 <211> LENGTH: 8
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Synthetic Peptide
46 <400> SEQUENCE: 1
47 Cys Thr Thr Ile His Tyr Asn Tyr
48 1 5
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52 <211> LENGTH: 11
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Synthetic Peptide
59 <400> SEQUENCE: 2
60 Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe
61 1 5 10
63 <210> SEQ ID NO: 3

P6
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/458,297A

DATE: 07/24/2002

TIME: 11:48:32

Input Set : A:\2060_0120000 Substitute Sequence Listing.txt
Output Set: N:\CRF3\07242002\I458297A.raw

64 <211> LENGTH: 11
65 <212> TYPE: PRT
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Synthetic Peptide
71 <400> SEQUENCE: 3
72 Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr
73 1 5 10
76 <210> SEQ ID NO: 4
77 <211> LENGTH: 11
78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Synthetic Peptide
84 <400> SEQUENCE: 4
85 Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe
86 1 5 10
89 <210> SEQ ID NO: 5
90 <211> LENGTH: 9
91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Synthetic Peptide
97 <400> SEQUENCE: 5
98 Gly Ser Asp Cys Thr Thr Ile His Tyr
99 1 5
102 <210> SEQ ID NO: 6
103 <211> LENGTH: 11
104 <212> TYPE: PRT
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Synthetic Peptide
110 <400> SEQUENCE: 6
111 Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr
112 1 5 10
115 <210> SEQ ID NO: 7
116 <211> LENGTH: 9
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Synthetic Peptide
123 <400> SEQUENCE: 7
124 Gly Ser Tyr Gly Phe Arg Leu Gly Phe
125 1 5
128 <210> SEQ ID NO: 8
129 <211> LENGTH: 10
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/458,297A

DATE: 07/24/2002
TIME: 11:48:32

Input Set : A:\2060_0120000 Substitute Sequence Listing.txt
Output Set: N:\CRF3\07242002\I458297A.raw

134 <223> OTHER INFORMATION: Synthetic Peptide
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137 Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr
138 1 5 10
141 <210> SEQ ID NO: 9
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143 <212> TYPE: PRT
144 <213> ORGANISM: Artificial Sequence
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147 <223> OTHER INFORMATION: Synthetic Peptide
149 <400> SEQUENCE: 9
150 Gly Thr Arg Val Arg Ala Met Ala Ile Tyr
151 1 5 10
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155 <211> LENGTH: 8
156 <212> TYPE: PRT
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
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162 <400> SEQUENCE: 10
163 Lys Thr Cys Pro Val Gln Leu Trp
164 1 5
167 <210> SEQ ID NO: 11
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169 <212> TYPE: PRT
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Synthetic Peptide
175 <400> SEQUENCE: 11
176 Lys Thr Tyr Gln Gly Ser Tyr Gly Phe
177 1 5
180 <210> SEQ ID NO: 12
181 <211> LENGTH: 11
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Synthetic Peptide
188 <400> SEQUENCE: 12
189 Leu Met Leu Ser Pro Asp Asp Ile Glu Gln Trp
190 1 5 10
193 <210> SEQ ID NO: 13
194 <211> LENGTH: 9
195 <212> TYPE: PRT
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
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201 <400> SEQUENCE: 13
202 Leu Ser Pro Asp Asp Ile Glu Gln Trp
203 1 5

RAW SEQUENCE LISTING DATE: 07/24/2002
PATENT APPLICATION: US/09/458,297A TIME: 11:48:32

Input Set : A:\2060_0120000 Substitute Sequence Listing.txt
Output Set: N:\CRF3\07242002\I458297A.raw

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208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
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214 <400> SEQUENCE: 14
215 Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe
216 1 5 10
219 <210> SEQ ID NO: 15
220 <211> LENGTH: 10
221 <212> TYPE: PRT
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Synthetic Peptide
227 <400> SEQUENCE: 15
228 Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp
229 1 5 10
232 <210> SEQ ID NO: 16
233 <211> LENGTH: 11
234 <212> TYPE: PRT
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Synthetic Peptide
240 <400> SEQUENCE: 16
241 Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr
242 1 5 10
245 <210> SEQ ID NO: 17
246 <211> LENGTH: 10
247 <212> TYPE: PRT
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Synthetic Peptide
253 <400> SEQUENCE: 17
254 Met Leu Ser Pro Asp Asp Ile Glu Gln Trp
255 1 5 10
258 <210> SEQ ID NO: 18
259 <211> LENGTH: 11
260 <212> TYPE: PRT
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Synthetic Peptide
266 <400> SEQUENCE: 18
267 Met Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe
268 1 5 10
271 <210> SEQ ID NO: 19
272 <211> LENGTH: 8
273 <212> TYPE: PRT
274 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/458,297A

DATE: 07/24/2002
TIME: 11:48:32

Input Set : A:\2060_0120000 Substitute Sequence Listing.txt
Output Set: N:\CRF3\07242002\I458297A.raw

276 <220> FEATURE:
277 <223> OTHER INFORMATION: Synthetic Peptide
279 <400> SEQUENCE: 19
280 Asn Leu Leu Gly Arg Asn Ser Phe
281 1 5
284 <210> SEQ ID NO: 20
285 <211> LENGTH: 11
286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Synthetic Peptide
292 <400> SEQUENCE: 20
293 Asn Thr Phe Arg His Ser Val Val Val Pro Tyr
294 1 5 10
297 <210> SEQ ID NO: 21
298 <211> LENGTH: 11
299 <212> TYPE: PRT
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Synthetic Peptide
305 <400> SEQUENCE: 21
306 Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp
307 1 5 10
310 <210> SEQ ID NO: 22
311 <211> LENGTH: 10
312 <212> TYPE: PRT
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Synthetic Peptide
318 <400> SEQUENCE: 22
319 Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr
320 1 5 10
323 <210> SEQ ID NO: 23
324 <211> LENGTH: 8
325 <212> TYPE: PRT
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Synthetic Peptide
331 <400> SEQUENCE: 23
332 Gln Ile Arg Gly Arg Glu Arg Phe
333 1 5
336 <210> SEQ ID NO: 24
337 <211> LENGTH: 11
338 <212> TYPE: PRT
339 <213> ORGANISM: Artificial Sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: Synthetic Peptide
344 <400> SEQUENCE: 24
345 Gln Ile Arg Gly Arg Glu Arg Phe Glu Met Phe

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/24/2002
PATENT APPLICATION: US/09/458,297A TIME: 11:48:33

Input Set : A:\2060_0120000 Substitute Sequence Listing.txt
Output Set: N:\CRF3\07242002\I458297A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1490; Xaa Pos. 1,3,13
Seq#:1491; Xaa Pos. 1,5,6,8,9
Seq#:1492; Xaa Pos. 1,3,5,6,7